

Applicant: Aghamehdi, et al.  
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For: FUEL MEASURING CELL

Art Unit: 2858:  
Examiner: Dole, Timothy J

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**IN THE CLAIMS**

1. (Currently amended)      A single cell fuel sensor comprising:  
        a housing including a fuel inlet chamber, a fuel mixing chamber and a fuel outlet chamber;  
        said fuel inlet chamber including an inlet orifice leading into said mixing chamber at a given level;  
        said fuel outlet chamber including an outlet orifice leading out of said mixing chamber at a second level, spaced from said given level; and  
        [an] a solid walled, cup-shaped electrode fitted into said mixing chamber, said electrode being electrically isolated from said housing.
2. (Original)    The single cell fuel sensor of Claim 1 wherein said electrical isolation is accomplished by a glass seal between said housing and said electrode.
3. (Currently amended)      The single cell fuel sensor of Claim 1 wherein said housing is provided with extending ears provided with mounting apertures.
4. Cancelled.
5. (Original)    The single cell sensor of Claim 1 wherein said inlet and said outlet orifices are provided with rounded corners.